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国产开唇兰属(兰科)新植物*

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NEW TAXA OF *ANOECTOCHILUS* BLUME (ORCHIDACEAE) FROM CHINA

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关键词 兰科;开唇兰属;耿马齿唇兰;屏边金线兰;保亭金线兰;中国

1 耿马齿唇兰 新种 图1

Anoectochilus gengmanensis K. Y. Lang, sp. nov.

Species *A. elwesii* (Clarke ex Hook. f.) King et Pantl. similis, sed racemo multifloro, floribus minoribus, labello apice lobis 2 quadratis divaricatis instructo medio breviunguiculato, ungue margine integro, basi intra sacculum callis duobus oblongis apice obtusis ornato, anthera late triangulato-ovata differt.

Herba terrestris, 18～22 cm alta. Rhizoma elongatum, cauliforme repens. Caulis teres, crassus, ca. 5 mm diam. Folia 5～6, ovata vel elliptica, 3～5.5 cm longa, 2～3 cm lata, supra atro-virentia, costa et nervis lateralibus 2～4 albidis ornata, subtus viridula, apice acuta, basi paullo oblique late cuneata vel obtusiuscula, petiolata, petiolis 1.5～3 cm longis, basi in vaginam amplexicaulem ampliatis. Scapus erectus densiuscule et longe glandulosus et articulato-pilosus, infra inflorescentiam 2～3 vaginis instructus; racemo multifloro, 5～6 cm longo; bracteis roseolis lanceolatis vel ovato-lanceolatis, apice acuminatis, dorso pubescentibus, inferioribus ovaria aequantibus. Flores minores rosei, sepalis l-nerviis dorso pubescentibus, sepalo intermedio ovato concavo, 4 mm longo, 3 mm lato, apice obtusiusculo, cum petalis in galeam agglutinato, eis lateralibus paulo patentibus ovato-ellipticis, 5.5 mm longis, ca. 4 mm latis; petalis oblique obovatis, glabris, 4.5 mm longis, medio 2.2 mm latis, basi attenuatis, apice obtusis, l-nerviis, inaequilateris; labello porrecto Y-formi, ca. 6 mm longo, apice bilobo, lobis quadratis divaricatis, medio brevi-unguiculato, ungue margine integro, ca. 1 mm longo, basi concavo sacciformi, intus callis duobus oblongis apice

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obtusis instructo; columna brevi, antice sub stigmatibus lamellis duabus anguste oblongis ornata; anthera late triangulato-ovata; rostello erecto apice bifurcato; stigmatibus 2 lateralibus subrotundatis; ovario cylindrico-fusiformi contorto pubescenti cum pedicello 10～12 mm longo.

Yunnan（云南）：Gengma（耿马），alt. 2500 m，on shady rocky slope，flowers pink，1938-08-08，T. T. Yu（俞德浚）17277（holotype，PE）.

本种与西南齿唇兰 *A. elwesii* (Charke ex Hook. f.) King et Pantl. 相近，区别点在于

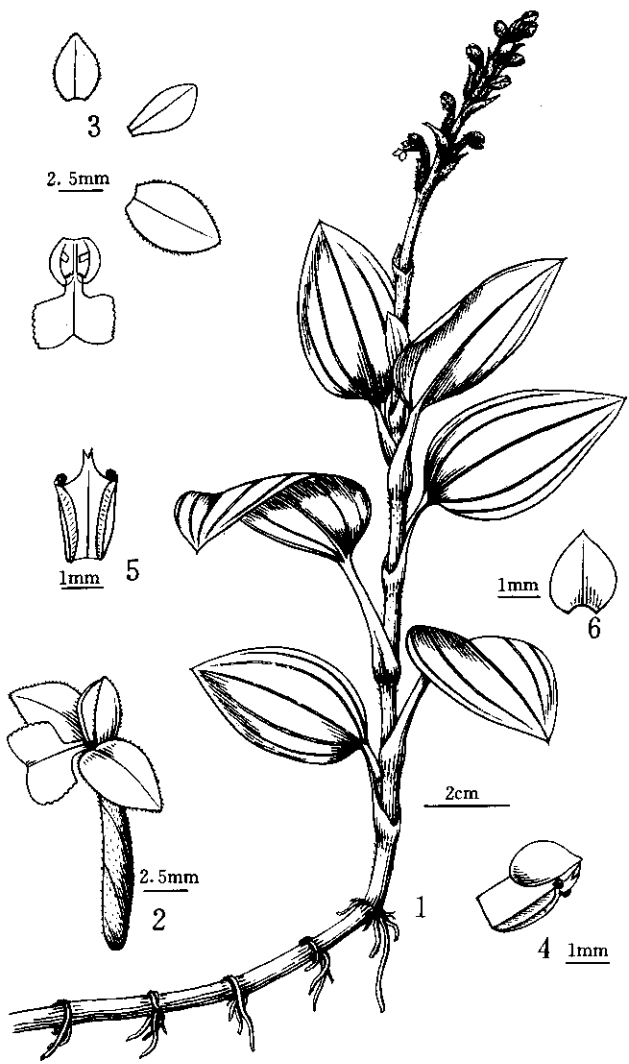

图 1　耿马齿唇兰　1. 植株；2. 花；3. 中萼片、花瓣、侧萼片和唇瓣；4. 蕊柱的侧面观；5. 蕊柱的前面观示蕊喙和柱头；6. 药帽。（吴彰桦绘）

Fig. 1　*Anoectochilus gengmanensis*　1. plant; 2. flower; 3. dorsal sepal, petal, lateral sepal and lip; 4. column, side view; 5. column, front view, showing rostellum and stigmas; 6. operculum

总状花序具多数花，花较小；唇瓣顶部2裂片四方形、极叉开，中部具短爪，爪的边缘全缘，基部囊内具2枚、长圆形顶部钝的胼胝体；花药为宽的三角状卵形等易于区别。

2 屏边金线兰 新种 图2

Anoectochilus pingbianensis K. Y. Lang, sp. nov.

Habitu, foliis supra nervis aureis nitidis pulchre reticulatis, *A. roxburghii* (Wall,) Lindl. proximus, sed floribus resupinatis, labellis abaxialibus, labello apice lobis 2 anguste oblongis sub angulo 180° divaricatis medio ungue ovato et marginibus unguis in quoque latere laciniis 5～6 filamentosis inaequilongis instructo, calcari late conico crassiore et breviore differt.

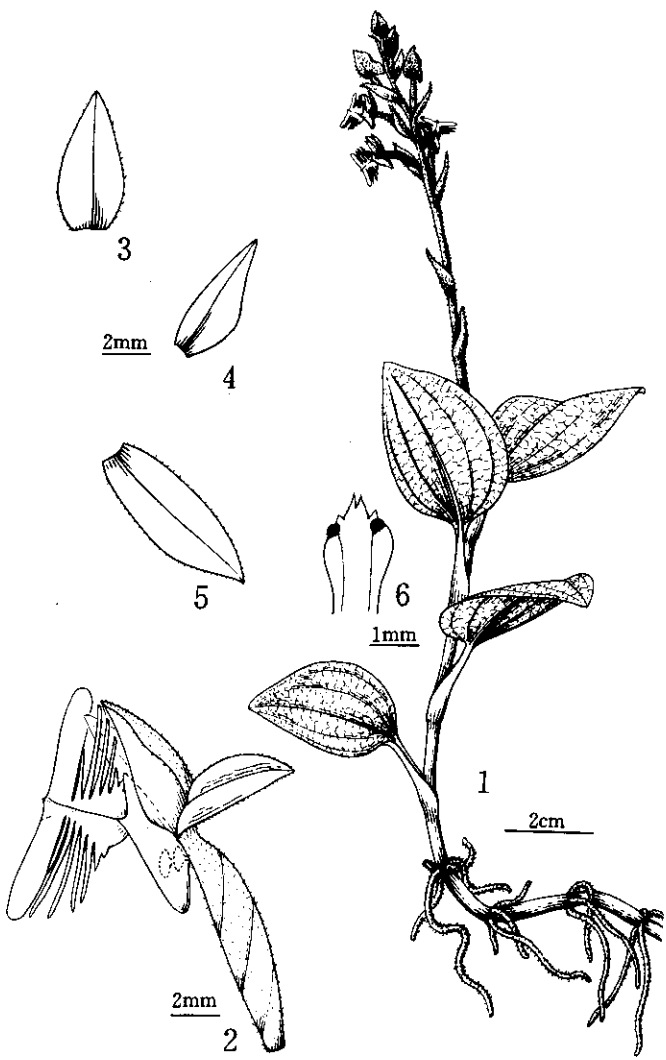

图2 屏边金线兰 1. 植株；2. 花；3. 中萼片；4. 花瓣；5. 侧萼片；6. 蕊柱的前面观示蕊喙和柱头。（吴彰桦绘）
Fig. 2 *Anoectochilus pingbianensis* 1. plant; 2. flower; 3. dorsal sepal; 4. petal; 5. lateral sepal; 6. column, front view, showing rostellum and stigmas.

Herba terrestris, 15～18 cm alta. Rhizoma cauliforme repens. Caulis teres, 3～4 mm diam. Folia 4～5, ovata, 3～4.5 cm longa, 2～3 cm lata, supra atro-virentia nervis aureis nitidis pulchre reticulatis, basi paullo oblique subrotundata, petiolata, petiolis 1.5～2 cm longis, basi in vaginam amplexicaulem ampliatis. Scapus erectus, densiuscule longe glandulosus et articulato-pilosus, infra inflorescentiam 2～3 vaginis ornatus; racemo multifloro; bracteis ovato-lanceolatis, 1～1.2 cm longis, roseolis, apice acuminatis, dorso pubescentibus, ovaria subaequantibus. Flores resupinati; sepalis roseolis, 1-nerviis, dorso pubescentibus, sepalo intermedio ovato, concavo, 6 mm longo, 4 mm lato, apice acuto, cum petalis in galeam agglutinato, eis lateralibus patentibus, paulo oblique oblongis, 8 mm longis, 3.5 mm latis, apice acutis; petalis albis, oblique ovatis, glabris, 6 mm longis, medio ca. 2 mm latis, basi paulo attenuatis, apice acutis, 1-nerviis inaequilateris; labello abaxiali albo, porrecto, ambitu subobtriangulato, sepalis longiore, apice bilobo, inter lobos apiculato, lobis anguste oblongis, 5.5 mm longis, 1.2 mm latis, apice obtusis, sub angulo 180° divaricatis, medio unguiculato, ungue ovato, ca. 2 mm longo, inferiore ca. 2 mm lato, marginibus in quoque latere laciniis 5～6 filamentosis inaequilongis ornato, basi calcarato, calcari conico deorsum patente, 3.5～4 mm longo, basi ca. 2 mm lato, apice obtuso, intus callis 2 anguste ellipticis stipitatis obsito; columna crassa et brevi, 3 mm longa, antice sub stigmatibus lamellis duabus ornata; rostello lato, in quoque latere bidentato, apice bifurcato; stigmatibus 2 lateralibus subrotundatis; ovario fusiformi contorto pubescenti, cum pedicello 1～1.2 cm longo.

Yunnan(云南):Pingbian(屏边), alt. 1500 m, in forest, 1939-10-04, C. W. Wang (王启无) 82288(holotype, PE).

本种与金线兰 *A. roxburghii* (Wall.) Lindl. 的体态极相似,叶上面具美丽、金色、有光泽的网脉,而区别点在于其花倒置,唇瓣位于上方,其顶部 2 裂片为狭长圆形,裂片之间呈 180°极叉开,中部爪卵形,其两侧边缘具 5～6 条不等长、丝状的细裂条;距为宽的圆锥状,较粗而短。

3　保亭金线兰　新变种

Anoectochilus roxburghii (Wall.) Lindl. var. **baotingensis** K. Y. Lang, var. nov.

Var. *roxburghii* similis, sed ungue labelli marginibus in quoque latere laciniis 3 filamentosis, 2.5～3 mm longis instructo, florescentia Aprili differt.

Hainan(海南):Baoting(保亭),Taipinggang(太平岗),alt. ca. 304.8 m, 1935-06-22, F. C. How (侯宽昭) 72060, fls. white, (holotype, PE).

本变种与金线兰原变种之区别在于其唇瓣爪部两侧边缘仅具 3 条长 2.5～3 mm 的丝状细裂条;花期 4 月。